

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) Integrated optoelectronic circuit components formed from a plurality of adjacent layers including sequential first, second and third layers on a substrate comprising:  
at least one single heterojunction bipolar transistor formed from an emitter layer  
and  
from said first, second and third layers, where said first layer forms a transistor base, said second layer forms a transistor collector, and said third layer forms a transistor subcollector,  
at least one p-i-n-i-p photodiode formed from said first, second and third layers,  
where said first layer forms a photodiode p-type layer, where said second layer forms a photodiode i-type layer, and said third layer forms a photodiode n-type layer.

Claims 2-32 (Canceled)